Contents

Marine Geology Volume 114, 1993

Research Papers

Implications of a connection between clay mineral variations and coarse grained debris and lithology in the central Norwegian–Greenland Sea
J. Kuhlemann, H. Lange and H. Paetsch 1
Late Quaternary calcium carbonate sedimentation and terrigenous input along the east Greenland continental margin
K.-H. Baumann, K.S. Lackschewitz, H. Erlenkeuser, R. Henrich and B. Jünger 13
Assessing the paradigm of mutually exclusive erosion and deposition of mud, with examples from upper Chesapeake Bay
L.P. Sanford and J.P. Halka 37
Morphostratigraphy and facies architecture of sandy barriers along the Eastern Shore of Nova Scotia
S.L. Nichol and R. Boyd 59
Marine transgression and dune initiation on western Cape York, northern Australia
B.G. Lees, M. Hayne and D. Price 81
Influence of shoreline erosion and accretion on texture and heavy mineral compositions of beach sands of the Burullus coast, north-central Nile delta, Egypt
O.E. Frihy and K.M. Dewidar 91
Medium-term coastal response at the Ebro delta, Spain
J.A. Jiménez and A. Sánchez-Arcilla 105
Assessment of the hydrothermal contribution to seafloor sediments in the Myojinsho submarine caldera, Shichito–Iwojima ridge, Izu–Ogasawara arc, Japan
K. Iizasa 119
Composition and growth history of surficial and buried manganese nodules in the Penrhyn Basin, Southwestern Pacific
A. Usui, A. Nishimura and N. Mita 133
Channels, echo character mapping and tectonics from 3.5 kHz profiles, distal Bengal Fan
L.J. Redbourn, J.M. Bull, R.A. Scrutton and D.A.V. Stow 155
Structural lineaments from the magnetic anomaly maps of the eastern continental margin of India (ECMI) and NW Bengal Fan
K.S.R. Murthy, T.C.S. Rao, A.S. Subrahmanyam, M.M. Malleswara Rao and S. Lakshminarayana 171
Some new observations on the intra-plate deformation in the Central Indian Basin (CIB)
K.S.R. Murthy, Y. Neprochnov, O.V. Levchenko, T.C.S. Rao, V.E. Milanovsky and S. Lakshminarayana 185
Enregistrement sedimentaire d'un episode d'approfondissement brutal de la marge sud-guineenne au Quaternaire Recent
M. Cousin, J. Mascle, M. Moullade, H. Bertrand and A. el Mouichni 195
Geochemistry of the surface sediments of the Sulu and South China Seas
S.E. Calvert, T.F. Pedersen and R.C. Thunell 207
Paleoceanographic and paleoclimatic evolution in the Weddell Sea (Antarctica) during the middle Eocene–late Oligocene, from a coarse sediment fraction and clay mineral data (ODP Site 689)
L. Diester-Haass, C. Robert and H. Chamley 233
Alkaline volcano of Paleocene age on the Southern Guinean Margin: Mapping, petrology, ^{40}Ar–^{39}Ar laser probe dating, and implications for the evolution of the Eastern Equatorial Atlantic
Hervé Bertrand, Gilbert Féraud and Jean Mascle 251
The orientation of buried iceberg scours and other linear phenomena
M.R. Gipp 263

1993 Year Index Volumes 100–114 273